


<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b> 01-1123-D	<b>Serial No.</b> 09/930,352
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		<b>Applicant:</b> Cunningham, et al.	
		<b>Filing Date:</b> August 15, 2001	<b>Group:</b> 1645

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
M	1.	4,876,208	10/24/89	Gustafson et al.	436	531	1/30/87
/	2.	4,992,385	2/12/91	Godfrey	436	525	7/22/87
/	3.	5,455,178	10/3/95	Fattinger	436	164	5/28/93
/	4.	5,478,527	12/26/95	Gustafson et al.	422	82	11/21/94
M	5.	5,738,825	4/14/98	Rudigier et al.	422	82	5/12/97


## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

<b>EXAMINER</b> A/1/29 Y 8	<b>DATE CONSIDERED</b> 1/20/99


EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b>  00-1123-D	<b>Serial No.</b>  09/930,352
<b>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		<b>Applicant:</b>  Cunningham, et al.	
		<b>Filing Date:</b>  August 15, 2001	<b>Group:</b>  1645


**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclasses	Filing Date if Appropriate
M	1. 5,442,169	08/15/95	Kunz	250	227.21	04/22/92
/	2. 5,991,480	11/23/99	Kunz, et al.	385	37	08/07/96
/	3. 6,320,991 B1	11/20/01	Challener, et al.	385	12	10/16/98
/	4. RE37,473 E	12/18/01	Challener	250	225	02/03/00
/	5. 6,346,376 B1	02/12/02	Sigrist, et al.	435	5	05/11/99
M	6. US 2002/0018610 A1	02/14/02	Challener, et al.	385	12	09/28/01

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

M	7.	Challener, et al., "A multiplayer grating-based evanescent wave sensing technique", Elsevier Science B.V., pp. 42-46 (2000)
<b>EXAMINER</b> 		<b>DATE CONSIDERED</b> 6/25/07

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<b>FORM PTO-1449</b> (Rev. 2-32)	<b>U.S. Department of Commerce</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b>  00-1123-D	<b>Serial No.</b>  09/930,352
<b>THIRD SUPPLEMENTAL INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		<b>Applicant:</b>  Cunningham, et al.	
		<b>Filing Date:</b>  August 15, 2001	<b>Group:</b>  1645


**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
M	1.	4,009,933	03/01/77	Firester	350	290	05/07/75
M	2.	5,598,300	01/28/97	Magnusson, et al.	359	566	06/05/95

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).**

	3.	Invitation to Pay Additional Fees in foreign counterpart application PCT/US01/50723
<b>EXAMINER</b>  <i>Ndza fv</i>	<b>DATE CONSIDERED</b>  <i>6/20/07</i>	

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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No.  00-1123-D	Serial No.  09/930,352
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant:	
		Cunningham, et al.	
		Filing Date:	Group:
		August 15, 2001	1645


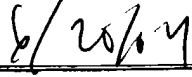
## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
M	1	6,185,019 B1	2/6/01	Hobbs, et al.	359	30	5/14/99
	2	6,088,505	7/11/00	Hobbs	385	147	6/10/97
	3	4,536,608	8/20/85	Sheng, et al.	136	259	4/25/83
	4	5,229,614	7/20/93	Andersoon et al.	250	370.12	3/27/92
M	5	5,559,338	9/24/96	Elliott et al.	250	492.1	10/4/94

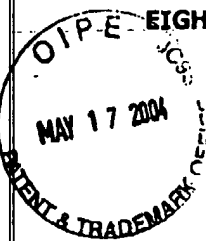
## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	6	International Search Report for foreign counterpart PCT/US01/50723
EXAMINER		DATE CONSIDERED
		

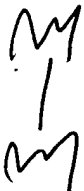


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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 00-1123-D	Serial No. 09/930,352
		<b>EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		
		<b>Applicant:</b> Cunningham, et al.		
		<b>Filing Date:</b> August 15, 2001	<b>Group:</b> 1641	

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	1. Bertoni, et al., "Frequency-Selective Reflection and Transmission by a Periodic Dielectric Layer", <i>IEEE Transactions on Antennas and Propagation</i> , Vol. 37, No. 1, pp. 78-83 (1989)		
	2. Brundrett, et al., "Normal-incidence guided-mode resonant grating filters: design and experimental demonstration", <i>Optics Letters</i> , Vol. 23, No. 9, pp. 700-702 (1998)		
	3. Peng, "Polarization-control Components and Narrow-band Filters Based on Subwavelength Grating Structures" 1996		
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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(Rev. 2-32)

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.

00-1123-D

Serial No.

09/030,352



**SEVENTH SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT BY APPLICANT**  
(Use several sheets if necessary)

**Applicant:**  
Cunningham et al.

**Filing Date:**  
August 15, 2001

**Group:**  
1641

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**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
M	1.	5,492,840	02/20/96	Malmqvist et al.			

**U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initial		Document Number	Publication Date if Appropriate	Name	Class	Subclass	Filing Date
M	2.	20030027328-A1	6 Feb 2003	Cunningham et al.			
	3.	20020127565-A1	12 Sept 2002	Cunningham et al.			
M	4.	20030027327-A1	6 Feb 2003	Cunningham et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
M	5.	WO 02/061429	8 Aug 2002	PCT				

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, Etc).

M	6.	Cunningham et al., <i>Sensors and Actuators B</i> 85; pp 219-226 (2002).
	7.	Cunningham et al., <i>Sensors and Actuators B</i> 81; pp 316-328 (2002).
	8.	Pandey, A. and Mann, M., <i>Nature</i> . 405(6788):837-46 (2000).
	9.	Patterson, S.D., <i>Current Opinions in Biotechnology</i> , 11(4):413-8 (2000).
M	10.	International Search Report for foreign counterpart application PCT/US03/01175.
EXAMINER <i>Nelson</i>		DATE CONSIDERED <i>4/20/04</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.